

August 3, 1988

TO: File

FROM: Holland Shepherd, Reclamation Soils Specialist *HWS*

RE: Field Visit, Dunn Mine, Atlas Minerals, M/037/017, San Juan County, Utah

Bob Shumway, Gary Shumway, and myself visited the Dunn site on August 2, 1988. The visit was made in regard to the pending permit transfer from Atlas Minerals to W.K. Enterprises, owned by the Shumways. Bob and Gary were interested in discussing permit and bonding requirements for the site.

The mine is situated entirely on private land. Land ownership is being purchased by the Shumways. As a result, Bob has indicated that he will be leaving some areas unreclaimed that Atlas indicated would be reclaimed on the original permit. These areas include: 1) the evaporation/mine discharge pond 2) the haul road 3) the area on site where the mining facilities are located.

The actual disturbance on site, excluding the haul road but including the sediment pond, equals approximately 3.8 acres (1.5 acres for the pond and 2.3 acres of waste pile). Once the rules are approved, the Shumways will have no problem permitting this site as a 5 acre and under. Until that time, they will have to carry some type of bond. Frank Filas and I will work on a reduced bond amount based on the current disturbed acreage. Atlas' current bond is for \$45,441 based on a total disturbance of 29.5 acres.

I have asked Bob Shumway to obtain a letter from a J.D. Skidmore, owner of the property that a portion of the haul road crosses. The letter would release Mr. Shumway from having to reclaim the sections of the haul road not on his own property. Another portion of road, from the county road in 1.5 miles, is owned by Atlas.

Bob indicated to me that he plans only to reclaim the decline and waste dump at the main mine site. The mine facilities will be left behind for postmine usage.

Page 2
Field Visit, Dunn Mine M/037/017
August 3, 1988

I asked Bob if he would reduce the evaporation pond on size to something more conducive to livestock watering. He concurred with this idea. We have yet to work out the details. The pond is presently too large to work effectively as a watering pond. The large surface area would induce a lot of evaporation.

Bob indicated to me that once the mine becomes active again, he would pump water into the pond. According to Bob, the water will not be contaminated with radio-nuclides because the water will originate from a noncontaminated geological strata, the Brushy Basin, situated above the uranium zone he will be mining.

The borehole area, consisting of a one acre disturbance, will be included in the reclamation. The borehole is situated next to and north of the evaporation pond.

jb
4/14-15



